UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.		520.40415X00
First II	nventor	Satoko ARAKI
Title	See 1 in Adde	endum

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No.

Telephone Foundation Foun	APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application
1. L. Spalmar an organizated adeptivate for the precessing of the computer of the program (Appendix) 2. L. Spes 37 CFR 1.27. 3. L. Specification	See MPEP chapter 600 concerning utility patent application contents.	Washington, DC 20231
See 37 CFR 1.27. See 57 CFR 1.27. (if applicable, all necessary)		Computer Program (Appendix)
Specification Total Pages 16		8. Nucleotide and/or Amino Acid Sequence Submission
Cross Reference to Related Applications Statement Reagarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description - Claim(s) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.	3. A (preferred arrangement set forth below)	· ·
- Statement Regarding Fed sponsored R & D - Reference to sequence listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.	Descriptive title of the invention Cross Reference to Related Applications	
or a computer program listing appendix Background of the Invention Brief Summary of the Invention Claim(s) Detailed Description Claim(s) Abstract of the Disclosure 4. \[\int Drawing(s) (35 U.S.C. 113) \] Total Sheets \[7 \] 1 S. Oath or Declaration a. \[\int Newly executed (original or copy) b. \[\int Copy from a prior application (37 CFR 1.36) (4)) b. \[\int DELETION OF Inventor(s)		i CD-ROW of CD-R (2 copies), or
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Drawings (if filed) - Claim(s) - Abstract of the Disclosure 4.	or a computer program listing appendix	Continue to the interest of above comics
- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. \[\infty \] Drawing(s) (35 U.S.C. 113) \[Total Sheets \] \[7 \] \] 1 5. Oath or Declaration a. \[\infty \] Newly executed (original or copy) b. \[\infty \] Copy from a prior application (37 CFR 1.63 (d)) b. \[\infty \] Copy from a prior application (37 CFR 1.63 (d)) c. \[\infty \] Deletion OF INVENTOR(s) signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.53((p2) and 1.33(b)) 6. \[\infty \] Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76. Continuation Divisional Examiner Continuation -in-part (CIP) Other: See Attachment. 18. If a CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 8b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently ornitted from the summitted application parts. Address		
- Claim(s) - Abstract of the Disclosure 4. \[\infty \] Drawing(s) (35 U.S.C. 113) \[\text{Total Sheets} \] \[7 \] \] 11. \[\text{English Translation Document (if applicable)} \] 5. Oath or Declaration \[\text{Total Pages} \] 5 \] 12. \[\text{Information Disclosure} \] a. \[\infty \] Newly executed (original or copy) \[\text{Copies of IDS} \] 5. Oath or Declaration \[\text{Total Pages} \] 5 \] 12. \[\text{Information Disclosure} \] a. \[\infty \] Newly executed (original or copy) \[\text{Copies of IDS} \] 5. Oath or Declaration \[\text{Copies of IDS} \] 6. \[\text{DELETION OF INVENTORS} \] 5. Signed statement attached deleting inventor(s) named in the pror application, see 37 CFR \] 6. \[\text{Application Data Sheet. See 37 CFR 1.76} \] 7. \[\text{DELETION OF INVENTORS} \] 7. \[\text{Deletininary Amendment} \] 7. \[\text{Copies of IDS} \] 7. \[\text{Copies of IDS} \] 8. \[\text{If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: \[\text{Other:} \] 7. \[\text{Cother:} \] 8. If a CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under 8x 8b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadventently omitted from the submitted application parts. 19. \[\text{Correspondence eddress below} \] Name Name (PrintType) Carl I. Brundidge Registration No. (Attorney/Agent) 29,621 29.621	- Brief Description of the Drawings (if filed)	
- Abstract of the Disclosure 4. \[\infty	· ·	_
5. Oath or Declaration a. Newly executed (original or copy) b. Newly executed (original or copy) b. Newly executed (original or copy) copy from a prior application (3f CFR 1.63 (d)) b. Growinization/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part(CIP) of prior application and is hereby incorporated by reference. Prior application and part of the disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation gan only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Contribution or		140
5. Oath or Declaration a. X Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) b. Copy from a prior application (37 CFR 1.63 (d)) c. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation—n-part (CIP) Prior application Information Examiner For CONTINUINTON OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application parts. 19. CORRESPONDENCE ADDRESS Value Va	4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 7]	Coming of IDS
a. Deletion of interpretation (and in a profile and in a profile and in a profile and in the prior application (37 CFR 1.63 (d)) b. Copy from a prior application (37 CFR 1.63 (d)) i. Deletion OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation Divisional Continuation Divisional Continuation Continuation Divisional Continuation	5. Oath or Declaration [Total Pages 5]	12. Statement (IDS)/PTO-1449 Citations
b. (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S)	a. X Newly executed (original or copy)	I The Language Control of the Contro
Signed statement attached detailing invention(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part(CIP) of prior application No From which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the prior application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X	b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)	(Should be specifically itemized)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No Group Art Unit: Prior application information Examiner Group Art Unit: Examiner Group Art Unit: Prior application information Examiner Group Art Unit: Prior application information Examiner Group Art Unit: Prior application information of divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label (Insert Customer No. or Affach Dar code label here) Telephone Fax Name (Print/Type) Carl I. Brundidge Registration No. (Attorney/Agent) 29.621	** ***	15. X Certified Copy of Priority Document(s) (if foreign priority is claimed)
or its equivalent of the Sec Attachment	named in the prior application, see 37 CFR	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part(CIP) of prior application No		or its equivalent.
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No	11	17. A Calor.
Continuation Divisional Continuation-in-part (CIP) of prior application No	18. If a CONTINUING APPLICATION, check appropriate box, and supply or in an Application Data Sheet under 37 CFR 1.76:	the requisite information below and in a preliminary amendment,
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label (Insert Customer No. or Affach bar code (abel here)) Name Address City State Zip Code Country Telephone Fax Name (Print/Type) Carl I. Brundidge Registration No. (Attorney/Agent) 29.621		of prior application No/
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Value	Prior application information Examiner	Group Art Unit:
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X	FOR CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the	prior application, from which an oath or declaration is supplied under
19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label 020457 or Correspondence address below Name	Box 5b, is considered a part of the disclosure of the accompanying continual.	ction or divisional application and is nereby incorporated by reference.
X Customer Number or Bar Code Label (Insert Customer No. or Affach bar code Jabel here) State Zip Code		
Address City State Zip Code Country Telephone Fax Name (Print/Type) Carl I. Brundidge Registration No. (Attorney/Agent) 29,621		or Correspondence address below
City State Zip Code Country Telephone Fax Name (Print/Type) Carl I. Brundidge Registration No. (Attorney/Agent) 29,621	Name	
City State Zip Code Country Telephone Fax Name (Print/Type) Carl I. Brundidge Registration No. (Attorney/Agent) 29,621		
Country Telephone Fax Name (Print/Type) Carl I. Brundidge Registration No. (Attorney/Agent) 29,621	Address	
Name (Print/Type) Carl I. Brundidge Registration No. (Attorney/Agent) 29,621	Ony	
Name (Time 1909) Call I. Brancing	Country Telep	phone Fax
Name (Time 1909) Call I. Brancing	Name (Print/Type) Carl I Brundidge	Registration No. (Attorney/Agent) 29.621
Signature Date August 3, 2001	00	Date August 3, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO. Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Attorney Docket No.: 520.40415X00 First Inventor: Satoko ARAKI

Title: A METHOD AND APPARATUS OF THE NETWORK MANAGEMENT

Express Mail Label No.:

UTILITY PATENT APPLICATION TRANSMITTAL (PTO/SB/05)

17. Other Accompanying Application Parts (Cont'd):

Figs. 1-6, 7a-7b

Credit Card Payment Form

PTO Form 1449 w/ref.

Addendum

1. A METHOD AND APPARATUS OF THE NETWORK MANAGEMENT

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision
Small Entity payments <u>must</u> be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

WARNING:

TOTAL AMOUNT OF PAYMENT

(\$)750.00

DOTTO TO SE SECTION OF THE SECTION O				
Complete if Known				
Application Number				
Filing Date	August 3, 2001			
First Named Inventor	Satoko ARAKI			
Examiner Name				
Group / Art Unit				
Attorney Docket No.	520.40415X00			

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)			
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	3. ADDITIONAL FEES			
	Large Entity Small Entity Fee Fee Fee Fee Fee Fee Description	Fee Paid		
Account Number 01-2135	Code (\$) Code (\$) 105 130 205 65 Surcharge - late filing fee or oath	0.00		
	127 50 227 25 Surcharge - late provisional filing fee or	0.00		
Deposit Account Antonelli, Terry, Stout&Kraus, LLP	cover sheet.			
Name Antonom, Terry, Stottle Radio, 1997	139 130 139 130 Non-English specification	0.00		
Charge Any Additional Fee Required Under 37 CFR §§ 1 16 and 1 17	147 2,520 147 2,520 For filing a request for reexamination	0.00		
	112 920* 112 920* Requesting publication of SIR prior to Examiner action	0.00		
2. X Payment Enclosed: Check Money X Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	0.00		
	115 110 215 55 Extension for reply within first month	0.00		
FEE CALCULATION	116 380 216 190 Extension for reply within second month	0.00		
1. BASIC FILING FEE	117 870 217 435 Extension for reply within third month	0.00		
Large Entity Small Entity Fee Fee Fee Fee Description	118 1,360 218 680 Extension for reply within fourth month	0.00		
Code (\$) Code (\$) Fee Paid	128 1,850 228 925 Extension for reply within fifth month	0.00		
101 690 201 345 Utility filing fee 710.00	119 300 219 150 Notice of Appeal	0.00		
106 310 206 155 Design filing fee	120 300 220 150 Filing a brief in support of an appeal	0.00		
107 480 207 240 Plant filing fee	121 260 221 130 Request for oral hearing	0.00		
108 690 208 345 Reissue filing fee 114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding	0.00		
	140 110 240 55 Petition to revive - unavoidable	0.00		
SUBTOTAL (1) (\$) 710.00	141 1,210 241 605 Petition to revive - unintentional	0.00		
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue)	0.00		
Fee from Extra Claims below Fee Paid	143 430 243 215 Design issue fee	0.00		
Total Claims 3 -20** = 0 × 18 = 0	144 580 244 290 Plant issue fee	0.00		
Independent 3 - 3** = 0 x 80 = 0	122 130 122 130 Petitions to the Commissioner	0.00		
Multiple Dependent =0	123 50 123 50 Petitions related to provisional applications	0.00		
**or number previously paid, if greater; For Reissues, see below	126 240 126 240 Submission of Information Disclosure Stmt	0.00		
Large Entity Small Entity Fee Fee Fee Fee Fee Description	581 40 581 40 Recording each patent assignment per	10.00		
Code (\$) Code (\$)	property (times number of properties) 146 690 246 345 Filing a submission after final rejection	40.00		
103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3	(37 CFR § 1.129(a))	0.00		
104 260 204 130 Multiple dependent claim, if not paid	149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b))	0.00		
109 78 209 39 ** Reissue independent claims over original patent	Other fee (specify)	0.00		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)	0.00		
SUBTOTAL (2) (\$) 0.00	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 4(000		
(4) 0.00				
SUBMITTED BY	Complete (if applicable)			
Name (Pnnt/Type) Carl L Brundidge	Registration No. (Attorney/Agent) 29,621 Telephone 703-312	-6600		
Signature	Date August	3, 2001		

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.